

07-20-05

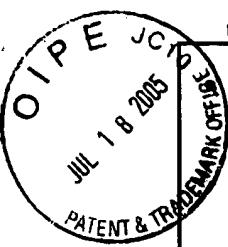
TM  
1764

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/833,755-Conf. #2901
		Filing Date	April 11, 2001
		First Named Inventor	Edward J. Mack
		Art Unit	1764
		Examiner Name	E. M. McAvoy
Total Number of Pages in This Submission		Attorney Docket Number	55531 (45676)

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
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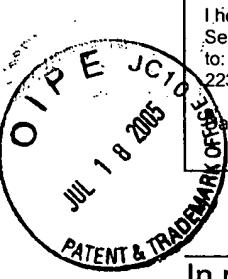
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	Mark D. Russett		
Date	July 18, 2005	Reg. No.	41,281

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Dated: July 18, 2005

Signature:

(Nicole McKinnon)

Docket No.: 55531 (45676)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Mack et al.

Application No.: 09/833,755

Confirmation No.: 2901

Filed: April 11, 2001

Art Unit: 1764

For: TRIBOLOGICAL MATERIALS AND  
STRUCTURES AND METHODS FOR  
MAKING THE SAME

Examiner: E. M. McAvoy

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination under 37 CFR 1.114 (37 CFR 1.97(b)(4)).

A copy of each reference on the PTO/SB/08 is attached.

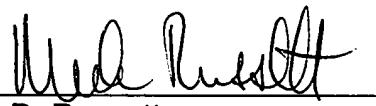
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 55531 (45676). A duplicate copy of this paper is enclosed.

Dated: July 18, 2005  
Customer No.: 21874  
499929

Respectfully submitted,

By   
Mark D. Russett

Registration No.: 41,281  
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P.O. Box 55874  
Boston, Massachusetts 02205  
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	09/833,755-Conf. #2901
				Filing Date	April 11, 2001
				First Named Inventor	Edward James P. Mack
				Art Unit	1764
				Examiner Name	E. M. McAvoy
Sheet	1	of	1	Attorney Docket Number	55531(45676)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	Lewis, "Predicting Bearing Performance of Filled Teflon TFE Resins," Document No. ASME 66-WA/RP-1, pp. 1-5, Journal of Engineering for Industry, Transactions of the ASME.			
	CB	Wolverton, "Advanced Thermoplastic Composites for High Temperature Gear and Bearing Applications," pp. 1-21.			
	CC	Lewis, "Predicting the Wear of Sliding Plastic Surfaces," Mechanical Engineering, 68:32-35 (1964).			
	CD	Yoo, et al., "Tribological Behavior of Blends of Polyether Ether Ketone and Polyether Imide," Wear, 162-164, pp. 418-425 (1993).			
	CE	Dufour, et al., "The Effect of Glassfibre, Graphite and MoS <sub>2</sub> on the Tribological Performance of a Liquid Crystalline Polymer," Wear, 156:85-100 (1992).			
	CF	Briscoe, et al., "The Failure of Poly (ether ether ketone) in High Speed Contacts," Wear, 162-164, pp.407-417 (1993).			
	CG	Hanchi, et al., "The Tribological Behavior of Blends of Polyetheretherketone (PEEK) and Polyetherimide (PEI) at Elevated Temperatures," Tribology Transactions, 37:494-504 (1994).			
	CH	Hanmin, et al., "Friction and Wear of Poly(Phenylene Sulphide) and Its Carbon Fibre Composites: I Unlubricated," Wear, 116:59-68 (1987).			
	CI	Bijwe, et al., "Friction and Wear Studies of Polyetherimide Composites," Wear, 138:61-76 (1990).			

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Examiner Signature	Date Considered
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499928



Application No. (if known): 09/833,755

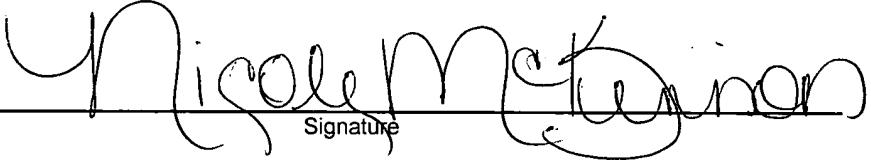
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